

**CPC****COOPERATIVE PATENT CLASSIFICATION****B60V**

**AIR-CUSHION VEHICLES** (devices for short-distance movement of heavy loads by providing a high-pressure fluid cushion, supplied from an independent source, between load and ground [B65G 7/06](#))

**NOTE**

The term "air-cushion vehicles" in this subclass includes all vehicles which are wholly or partly supported on land or water by air or other gaseous cushions

**B60V 1/00**

**Air-cushion** (land vehicles, waterborne vessels, or aircraft adapted or modified to travel on air cushion [B60V 3/00](#))

## B60V 1/02

. wherein the cushion is generated and contained by at least one peripheral fluid curtain

## B60V 1/04

. wherein the cushion is contained at least in part by walls

## B60V 1/043

.. { the walls being flexible (**skirt details** [B60V 1/16](#))}

## B60V 1/046

.. { the walls or a part of them being rigid}

## B60V 1/06

. wherein the cushion is formed within plenum chamber

## B60V 1/08

. wherein the cushion is created during forward movement of the vehicle by ram effect

## B60V 1/10

. in which the curtain-forming nozzle or the vehicle base is shaped to create a vortex curtain

## B60V 1/11

. Stability or attitude control

## B60V 1/115

.. { by ground or water engaging means, e.g. rudders or wheels}

## B60V 1/12

.. by dividing the cushion

## B60V 1/14

. Propulsion; Control thereof ([B60V 1/11](#) takes precedence)

## B60V 1/145

.. { using a water propeller}

## B60V 1/15

.. using part of the cushion-forming fluid

## B60V 1/16

. Flexible skirts

## B60V 1/18

. Body structure

## B60V 1/20

. Spray deflectors

## B60V 1/22

. provided with hydrofoils ([hydrofoils per se](#) [B63B 1/24](#))

**B60V 3/00**

**Land vehicles, waterborne vessels, or aircraft, adapted or modified to travel on air cushions**

- B60V 3/02 . Land vehicles, e.g. road vehicles
- B60V 3/025 . . { co-operating with a flat surface, e.g. transporting loads on platforms}
- B60V 3/04 . . co-operating with rails or other guiding means, e.g. with air cushion between rail and vehicle
  
- B60V 3/06 . Waterborne vessels
- B60V 3/065 . . { hulls therefor}
  
- B60V 3/08 . Aircraft, e.g. air-cushion alighting-gear therefor